OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/10/084,825**

DATE: 11/29/2002
TIME: 16:11:04

Input Set : **N:\Crf3\RULE60\10084825.raw**
Output Set: **N:\CRF4\11292002\J084825.raw**

ENTERED

SEQUENCE LISTING

```
 3  (1)  GENERAL INFORMATION:
 5        (i) APPLICANT: Co, Man Sun
 6                       Scheinberg, David A.
 7                       Queen, Cary L.
 9       (ii) TITLE OF INVENTION: Antibodies With Increased Binding
10                       Affinity
12      (iii) NUMBER OF SEQUENCES: 10
14       (iv) CORRESPONDENCE ADDRESS:
15            (A) ADDRESSEE: Townsend and Townsend and Crew LLP
16            (B) STREET: Two Embarcadero Center, Eighth Floor
17            (C) CITY: San Francisco
18            (D) STATE: California
19            (E) COUNTRY: USA
20            (F) ZIP: 94111-3834
22        (v) COMPUTER READABLE FORM:
23            (A) MEDIUM TYPE: Floppy disk
24            (B) COMPUTER: IBM PC compatible
25            (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26            (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
28       (vi) CURRENT APPLICATION DATA:
C--> 29       (A) APPLICATION NUMBER: US/10/084,825
C--> 30       (B) FILING DATE: 25-Feb-2002
31            (C) CLASSIFICATION:
41      (vii) PRIOR APPLICATION DATA:
34            (A) APPLICATION NUMBER: US/08/862,871
35            (B) FILING DATE: 23-MAY-1997
38            (A) APPLICATION NUMBER: US 07/850,354
39            (B) FILING DATE: 09-MAR-1992
42            (A) APPLICATION NUMBER: US 08/372,262
43            (B) FILING DATE: 13-JAN-1995
45     (viii) ATTORNEY/AGENT INFORMATION:
46            (A) NAME: Storella, John R.
47            (B) REGISTRATION NUMBER: 32,944
48            (C) REFERENCE/DOCKET NUMBER: 011823-004011US
50       (ix) TELECOMMUNICATION INFORMATION:
51            (A) TELEPHONE: (415) 576-0200
52            (B) TELEFAX: (415) 576-0300
55  (2)  INFORMATION FOR SEQ ID NO: 1:
57        (i) SEQUENCE CHARACTERISTICS:
58            (A) LENGTH: 14 amino acids
59            (B) TYPE: amino acid
60            (C) STRANDEDNESS:
```

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```
61              (D) TOPOLOGY: linear
63        (ii) MOLECULE TYPE: peptide
66        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
68         Lys Ala Thr Leu Thr Val Asp Asn Ser Ser Ser Thr Ala Tyr
69         1              5                  10
72  (2) INFORMATION FOR SEQ ID NO: 2:
74        (i) SEQUENCE CHARACTERISTICS:
75              (A) LENGTH: 14 amino acids
76              (B) TYPE: amino acid
77              (C) STRANDEDNESS:
78              (D) TOPOLOGY: linear
80        (ii) MOLECULE TYPE: peptide
83        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
85         Lys Ala Thr Leu Thr Val Asp Gln Ser Ser Ser Thr Ala Tyr
86         1              5                  10
89  (2) INFORMATION FOR SEQ ID NO: 3:
91        (i) SEQUENCE CHARACTERISTICS:
92              (A) LENGTH: 14 amino acids
93              (B) TYPE: amino acid
94              (C) STRANDEDNESS:
95              (D) TOPOLOGY: linear
97        (ii) MOLECULE TYPE: peptide
100       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
102        Lys Ala Thr Ile Thr Ala Asp Asn Ser Ser Ser Thr Ala Tyr
103        1              5                  10
106 (2) INFORMATION FOR SEQ ID NO: 4:
108       (i) SEQUENCE CHARACTERISTICS:
109             (A) LENGTH: 14 amino acids
110             (B) TYPE: amino acid
111             (C) STRANDEDNESS:
112             (D) TOPOLOGY: linear
114       (ii) MOLECULE TYPE: peptide
117       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
119        Lys Ala Thr Ile Thr Ala Asp Glu Ser Thr Asn Thr Ala Tyr
120        1              5                  10
123 (2) INFORMATION FOR SEQ ID NO: 5:
125       (i) SEQUENCE CHARACTERISTICS:
126             (A) LENGTH: 4 amino acids
127             (B) TYPE: amino acid
128             (C) STRANDEDNESS:
129             (D) TOPOLOGY: linear
131       (ii) MOLECULE TYPE: peptide
134       (ix) FEATURE:
135             (A) NAME/KEY: Modified-site
136             (B) LOCATION: 1
137             (D) OTHER INFORMATION: /product= "OTHER"
138 /note= "Xaa = Thr or Ser"
141       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
W--> 143       Xaa Xaa Xaa Pro
```

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```
144        1
147  (2)  INFORMATION FOR SEQ ID NO: 6:
149        (i)  SEQUENCE CHARACTERISTICS:
150              (A)  LENGTH: 4 amino acids
151              (B)  TYPE: amino acid
152              (C)  STRANDEDNESS:
153              (D)  TOPOLOGY: linear
155       (ii)  MOLECULE TYPE: peptide
158       (xi)  SEQUENCE DESCRIPTION: SEQ ID NO: 6:
W--> 160      Ser Gly Xaa Gly
161        1
164  (2)  INFORMATION FOR SEQ ID NO: 7:
166        (i)  SEQUENCE CHARACTERISTICS:
167              (A)  LENGTH: 4 amino acids
168              (B)  TYPE: amino acid
169              (C)  STRANDEDNESS:
170              (D)  TOPOLOGY: linear
172       (ii)  MOLECULE TYPE: peptide
175       (xi)  SEQUENCE DESCRIPTION: SEQ ID NO: 7:
177        Glu Ser Thr Asn
178        1
181  (2)  INFORMATION FOR SEQ ID NO: 8:
183        (i)  SEQUENCE CHARACTERISTICS:
184              (A)  LENGTH: 4 amino acids
185              (B)  TYPE: amino acid
186              (C)  STRANDEDNESS:
187              (D)  TOPOLOGY: linear
189       (ii)  MOLECULE TYPE: peptide
192       (xi)  SEQUENCE DESCRIPTION: SEQ ID NO: 8:
194        Asn Ser Ser Ser
195        1
198  (2)  INFORMATION FOR SEQ ID NO: 9:
200        (i)  SEQUENCE CHARACTERISTICS:
201              (A)  LENGTH: 4 amino acids
202              (B)  TYPE: amino acid
203              (C)  STRANDEDNESS:
204              (D)  TOPOLOGY: linear
206       (ii)  MOLECULE TYPE: peptide
209       (xi)  SEQUENCE DESCRIPTION: SEQ ID NO: 9:
W--> 211      Thr Xaa Xaa Pro
212        1
215  (2)  INFORMATION FOR SEQ ID NO: 10:
217        (i)  SEQUENCE CHARACTERISTICS:
218              (A)  LENGTH: 4 amino acids
219              (B)  TYPE: amino acid
220              (C)  STRANDEDNESS:
221              (D)  TOPOLOGY: linear
223       (ii)  MOLECULE TYPE: peptide
226       (xi)  SEQUENCE DESCRIPTION: SEQ ID NO: 10:
```

RAW SEQUENCE LISTING   DATE: 11/29/2002
PATENT APPLICATION: **US/10/084,825**   TIME: 16:11:04

Input Set : **N:\Crf3\RULE60\10084825.raw**
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W--> 228   Ser Xaa Xaa Pro
     229   1

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/29/2002
PATENT APPLICATION: **US/10/084,825** TIME: 16:11:05

Input Set : **N:\Crf3\RULE60\10084825.raw**
Output Set: **N:\CRF4\11292002\J084825.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; Xaa Pos.1,2,3
Seq#:6; Xaa Pos.3
Seq#:9; Xaa Pos.2,3
Seq#:10; Xaa Pos.2,3

VERIFICATION SUMMARY DATE: 11/29/2002

PATENT APPLICATION: **US/10/084,825** TIME: 16:11:05

Input Set : **N:\Crf3\RULE60\10084825.raw**
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```
L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
```